

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

2662-140

First Inventor

FREIDHOFF

Title THIN FILM ENCAPSULATION OF MEMS DEVICES

02/19/02

USPTO
107959
2002-02-19
JC973

Assignee Information: Northrop Grumman Corp.
Los Angeles, CA 90067

APPLICATION ELEMENTS		ADDRESS TO:	Assistant Commissioner of Patents Box Patent Application Washington, D.C. 20231
See MPEP chapter 600 concerning utility patent application contents.			
1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. 3. <input checked="" type="checkbox"/> Specification Total pages [25] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross references to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings - Detailed Description - Claims - Abstract of the Disclosure <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) (Total Sheets) [2] <input checked="" type="checkbox"/> Oath or Declaration (Total Pages) [2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application <i>(37 CFR 1.63(d))</i> <i>(for continuation/divisional with Box 17 completed)</i> [Note Box 5 below] i <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, 6. <input type="checkbox"/> Application Data Sheet.		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program 8. Nucleotide and/or Amino Acid Sequence Submission a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies	
ACCOMPANYING APPLICATION PARTS			
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input type="checkbox"/> Information Disclosure Statement /PTO 1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s). 16. <input checked="" type="checkbox"/> Request and Certification under 35 U.S.C. <i>122(b)(2)(B)(i).</i> 17. <input type="checkbox"/> Other:			

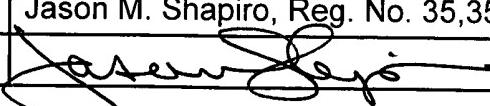
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below or in an application Data Sheet under 37 CFR 1.76::

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Group/Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

Customer Number or Bar Code Label 6449

Address	Rothwell, Figg, Ernst & Manbeck Suite 701-East, 555 13th Street, N.W.				
City	Washington	State	D.C.	Zip Code	20004
Country	U.S.A.	Telephone	202-783-6040	Fax	202-783-6031
Name	Jason M. Shapiro, Reg. No. 35,354				
Signature				Date: February 19, 2002	

2662-140.tra

**FEE TRANSMITTAL
for FY 2001
(Large Entity)**

		Complete if Known		
		Application Number		
		Filing Date	Herewith	
		First Named Inventor	FREIDHOFF	
		Examiner Name		
		Group Art Unit		
Total Amount of Payment	(\$870.00)	Attorney Docket Number	2662-140	

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck

Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status

2. Payment Enclosed

Check

Credit Card

FEE CALCULATION

1. FILING FEE

Fee Code	Fee \$	Fee Description	Fee Paid
101	740	Utility filing fee	[740.00]
106	330	Design Filing Fee	[]
107	510	Plant Filing Fee	[]
108	740	Reissue Filing Fee	[]
114	160	Provisional Filing Fee	[]

SUBTOTAL **\$740.00**

2. CLAIMS

Paid	Extra Claims	Fee	Fee
Total Claims	[25] - 20** = [5] x	\$18 =	90.00
Independent Claims	[3] - 3** = [0] x	84 =	[0]
Multiple Dependent Claims	+ 280 = []		

**or number previously paid, if greater;

SUBTOTAL **\$90.00**

FEE CALCULATION (continued)

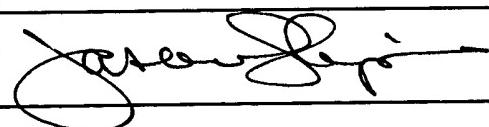
3. ADDITIONAL FEES

Fee Code	Fee Paid	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	[]
127	50	Surcharge - late provisional filing fee or cover sheet	[]
139	130	Non-English specification	[]
147	2,520	For filing a request for reexamination	[]
112	920	Requesting publication of SIR prior to Examiner action	[]
113	1,840*	Requesting publication of SIR after Examiner action	[]
115	110	Extension for reply within first month	[]
116	400	Extension for reply within second month	[]
117	920	Extension for reply within third month	[]
118	1,440	Extension for reply within fourth month	[]
128	1,960	Extension for reply within fifth month	[]
119	320	Notice of Appeal	[]
120	320	Filing a brief in support of an appeal	[]
121	280	Request for Oral Hearing	[]
138	1,510	Petition to institute a public use proceeding	[]
140	110	Petition to revive -unavoidable	[]
141	1,280	Petition to revive - unintentional	[]
142	1,280	Utility issue fee (or reissue)	[]
143	460	Design issue fee	[]
144	620	Plant issue fee	[]
122	130	Petitions to the Commissioner	[]
123	50	Processing fee under 37 CFR 1.17(q)	[]
126	180	Submission of Information Disclosure Statement	[]
581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	Filing a submission after final rejection (37 CFR .129(a))	[]
149	740	For each additional invention to be examined (37 CFR 1.129(b))	[]
179	740	Request for Continued Examination (RCE)	[]
169	900	Request for expedited examination of a design application	[]
195	300	Publication fee for early, voluntary, or normal publication	[]
196	300	Publication fee for republication	[]
089	200	Filing application for patent term adjustment	[]
090	400	Request for reinstatement of term reduced	[]
Other fee (specify)			

* Reduced by Basic Filing Fee Paid

SUBTOTAL

\$40.00

SUBMITTED BY		Complete (if applicable)		
NAME AND REG. NUMBER	Jason M. Shapiro, Reg. No. 35,354			
SIGNATURE		DATE	February 19, 2002	DEPOSIT ACCOUNT USER ID

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	FREIDHOFF
	Title	THIN FILM ENCAPSULATION OF MEMS DEVICE
	Attorney Docket Number	2662-140

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

February 19, 2002

Date



Signature

Jason M. Shapiro

Typed or printed name

Reg. No. 35,354

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**